

Technical sheet :

# **MT 420 H SKID**

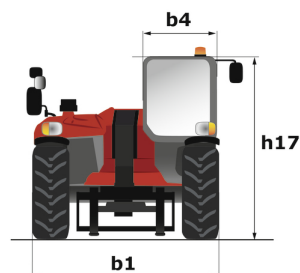
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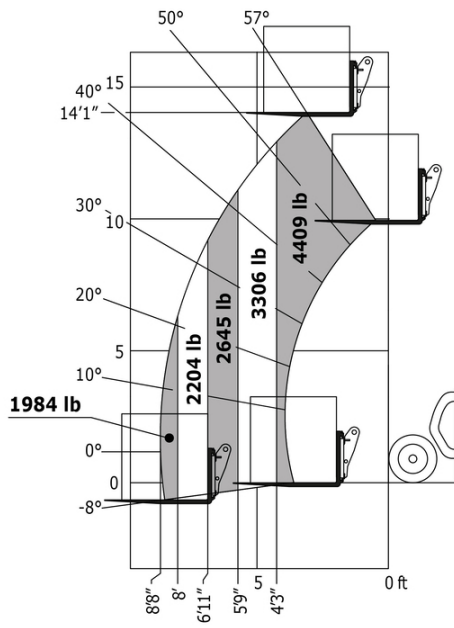
| Capacities   |           | Imperial                                      |
|--|-----------|---|
| Max. capacity  | Q         | 4409 lb                                       |
| Max. lifting height  |           | 14 ft 3 in                                    |
| Maximum outreach   |           | 8 ft 8 in                                     |
| Breakout force with bucket                                       |           | 1886 daN                                      |
| Weight and dimensions  |           |   |
| Overall length to carriage                                       | l11       | 11 ft 11 in                                   |
| Length to face of forks  | l2        | 11 ft 9 in                                    |
| Overall width  | b1        | 4 ft 11 in                                    |
| Overall height   | h17       | 6 ft 6 in                                     |
| Wheelbase  | y         | 7 ft  |
| Ground clearance   | m4        | 9 in  |
| Overall cab width  | b4        | 2 ft 7 in                                     |
| Tilt-up angle  | a4        | 12 °  |
| Tilt-down angle  | a5        | 116 °   |
| External turning radius (over tyres)                             | Wa1       | 9 ft 9 in                                     |
| Unladen weight (with forks)                                      |           | 9237 lb                                       |
| Overall weight   |           | 9392 lb                                       |
| Tires type   |           | Inflatable                                    |
| Forks length / width / section                                   | l / e / s | 47 in x 5 in x 2 in                           |
| Performances   |           |   |
| Lifting  |           | 5 s   |
| Lowering   |           | 3.50 s  |
| Extension  |           | 4.80 s  |
| Retraction   |           | 3 s   |
| Crowd  |           | 3.30 s  |
| Dump   |           | 2.70 s  |
| Engine   |           |   |
| Engine brand   |           | Kubota  |
| Engine norm  |           | Stage V                                       |
| Engine model   |           | 2607-CR-E5                                    |
| Number of cylinders / Capacity of cylinders                      |           | 4 - 160 in <sup>3</sup>                       |
| Engine power (Hp/kW)   |           | 57 Hp / 42 kW                                 |
| Max. torque / Engine rotation                                    |           | 128 ft/lbs @ 1600 rpm                         |
| Drawbar pull (Laden)   |           | 2850 daN                                      |
| Transmission   |           |   |
| Transmission type  |           | Hydrostatic                                   |
| Number of gears (forward / reverse)                              |           | 2 / 2   |
| Max. travel speed  |           | 15 mph  |
| Max. travel speed (may vary according to applicable regulations) |           | 15 mph  |
| Parking brake  |           | Automatic Negative Hand-brake                 |
| Service brake  |           | Disk brake on the cadran shaft                |
| Hydraulics   |           |   |
| Hydraulic pump type  |           | Gear pump                                     |
| Hydraulic flow / Pressure  |           | 20 US gpm-3408 PSI                            |
| Tank capacities  |           |   |
| Engine oil   |           | 3 US gal                                      |
| Hydraulic oil  |           | 18 US gal                                     |
| Hydraulic tank capacity  |           | 3 US gal                                      |
| Fuel   |           | 16 US gal                                     |
| Noise and vibration  |           |   |
| Noise at driving position (LpA)                                  |           | 76 dB   |
| Noise to environment (LwA)                                       |           | 104 dB  |
| Vibration on hands/arms  |           | < 8 ft/s <sup>2</sup>                         |
| Miscellaneous  |           |   |
| Steering wheels (front / rear)                                   |           | 2 / 2   |
| Drive wheels (front / rear)                                      |           | 2 / 2   |
| Safety / Cab certification                                       |           | Standard EN 15000 / ROPS - FOPS cab (level 1) |
| Controls   |           | JSM   |

### MT 420 H SKID - Dimensional drawing



# MT 420 H SKID - Load chart

Machine on tires with forks Imperial





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